•	Work Order ID 68510 hursday, April 14, 2011 10:21:24 AM												Page 1
Revision ID: Item Name:	O3492-041 Plug Assembly 1/14/2011 1/27/2011	Start Qty: 10 Req'd Qty: 10			Accept	Cust Item II			s s	etup S	start Stop		1848 1841 1841 1844 1844 1844 1844 1844 1844 1844 1844 1844 1844 1844 1844 1844
Approvals:	Process Plan	1:_CX	Date:		Tooling: SPC (Y/N):		nte:		R		start Stop		
Sequence ID/ Work Center ID		Operation Description			Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Rejec Qty		Reject Tumber	Insp. Stamp
Draw Nbr	Revi	sion Nbr					•						
D3492	Rev	С											Tables .
Hardinge CNC Lathe	Small	Hardinge CNC LA Memo 1-Turn Rev:	n as per Folio F	A633 & Dwg D349	0.00 0.00 02 Dwg Rev:	Folio			<u>/02</u>	Ç			
QC Quality Control		QC2- Inspect parts Memo		AI/FAIB	0.00 0.00 E//4/2	-8			102	9			
120 QC Quality Control		QC8- Inspect parts Memo			0.00	11/04/25			/ 02	9	<u> </u>		

Part No:	PAF	R #:	Fault Category:	 NCR: Yes No	DQA:	Date:
F	Resolution:		Disposition:	QA: N/C Closed	l:	Date:

NCR:		`	WORK ORDE	ER NON-CONF	PRMANO	CE (NCR)			
		Description of NC		Corrective Action	Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Descri	otion	Sign & Date	Section C	Chief Eng	QC Inspector
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Chemical Conversion Coat per QSI005 4.1

0.00

HandFinish

Hand Finishing

Memo

0.00 7MM 11/05/02



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Dart Ae	rospace	e Ltd							
W/O:			WC	ORK ORDER CH	ANGES				
DATE	STEP	PRO	CEDURE CHA	NGE		Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:esolution:							
NCR:		\	WORK ORD	ER NON-CONF	RMANCE	(NCR)			
		Description of NC		Corrective Action	Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Descri Chief Eng	otion	Sign & Date	Section C	Chief Eng	QC Inspector
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Work Order ID 68510 Thursday, April 14, 2011 10:21:24 AM						Page 3
Item ID: D3492-041 Revision ID:		Accept		s s	etup Start	
Item Name: Plug Assembly					Stop	
Start Date: 4/14/2011 Start Qty: Required Date: 4/27/2011 Req'd Qty:			Cust Item ID: Customer:			
Reference:				D	un Start	1 1 10 111101
Approvals: Process Plan:	Date:	Tooling:	Date:		Stop	
QC:	Date:	SPC (Y/N):	Date:		, ~~r	
Sequence ID/ Operation Work Center ID Description		Set Up/ Run Hours		lan Accept ode Qty		Reject Insp. Number Stamp
Powdercoat Me	mo at End Only)□START TIME MPERATURE:	10. 2900 HOVEN	-40	102	Ø 1	m-f 11/05/0
170 QC3- Inspect Po	art Finish	. 0.00		-	^	Il 105/09
	emo	0.00		102		<u> </u>
	dwg & Stock Location:	D-B _{0.00}		<u>lo2</u>	Ø!	m/11/05/00

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W/O:	7-,	WORK ORDER CH	WORK ORDER CHANGES											
DATE	STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector						
						:								
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Part No	:	PAR #: Fault Category:	NC	R: Yes	No DQ	A:	Date: _							

Resolution: _____ Disposition: _____

QA: N/C Closed: _____ Date: ____

NCR:		V	WORK ORDI	ER NON-CONFO	RMANCE	(NCR)			
	Ţ	Description of NC		Corrective Action	Section B		Verification	Approval	Approval
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Descrip	otion	Sign & Date	Section C	Chief Eng	QC Inspector
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	Work Order ID 68510 Phursday, April 14, 2011 10:21:24 AM										Page 4	
	D3492-041			Ac	ccept					Setup	Start	
Revision ID: Item Name:	Plug Assembly	,									Stop	
Start Date: Required Date:	4/14/2011 4/27/2011	Start Qty: 100.00 Req'd Qty: 100.00				Cust Item Customer						
Reference:												: (\$611101 00110 18 1 1161 1801
Approvals:	Process Plan	n:	Date:		Tooling:		Date:			Run	Start Stop	
	QC:		Date		SPC (Y/N):		Date:				осор	
Sequence ID/ Work Center II)	Operation Description			Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Insp. Number Stamp
190		QC21- Final Inspection -	Work Order	Release	0.00							11/5/94
QC Quality Control		Memo			0.00	, a 1		•				

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PUN-05-9

Dart Aerospace	Ltd
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W/O:			WC	ORK ORDER CHAN	IGES			
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA:	Date: _	
	R	esolution:	Dispositio	n:	QA: N/C Clo	sed:	Date: _	
NCR:			WORK ORD	ER NON-CONFORI	MANCE (NCR)		
DATE	STEP	Description of NC			Section B	Verification	Approval	Approval
DAIL	SILF	Section A	Initial Chief Eng	Action Descriptio	n Sign & Date	Section C	Chief Eng	QC Inspector
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Work Order ID: 68510

Parent Item:

D3492-041

Parent Item Name: Plug Assembly



Start Date: 4/14/2011

Required Date: 4/27/2011

Page 1

Start Qty: 100.00

Required Qty: 100.00

Comments:

IPP rev A 06.03.03 New Issue

IPP Rev:B 06-08-28 As per Rev B JLM

IPP Rev:C 07-12-06 Rev C dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Primary Item Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Date Issued Issued	Status
M6061T6R0.625		Purchased	No		100	f	59.6000	0.0625	6.578947		_

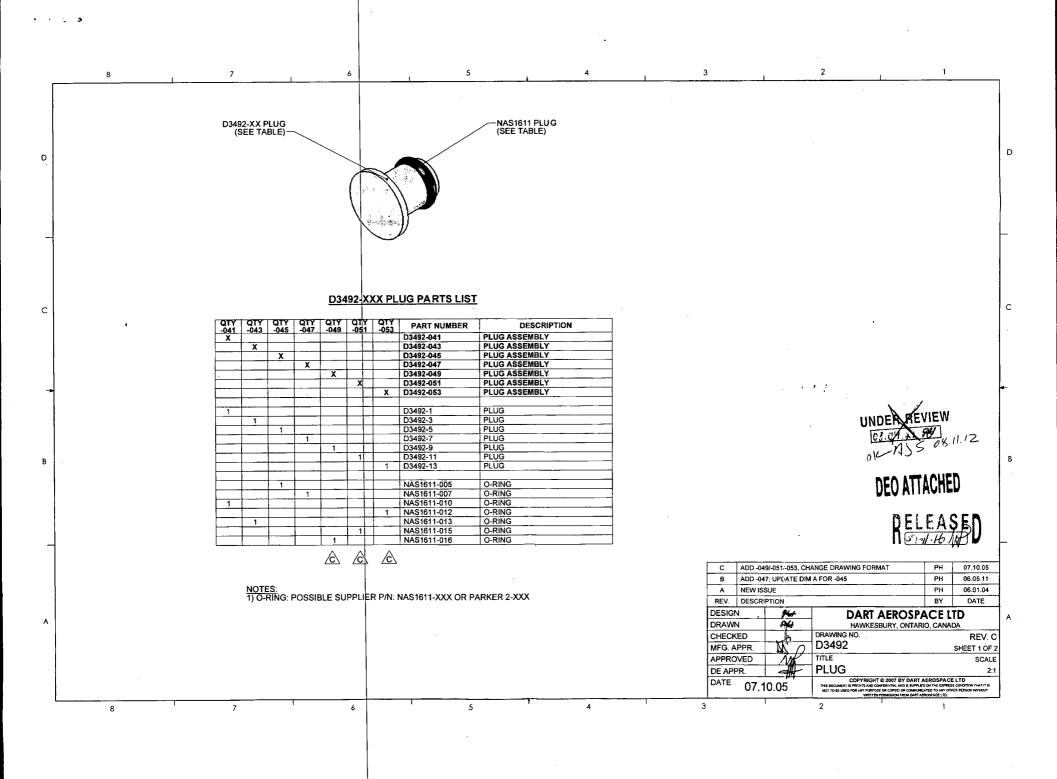
6061-T6 Round Bar .625"

Loc Oty	Loc Code
59.6	
59.6	
	59.6

117481

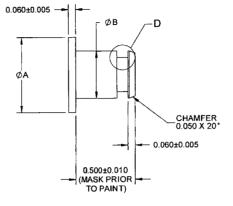
	- opas	- 10								
W/O:			ANGES							
DATE	STEP	PRO		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
			,							
Part No	<u> </u> :	PAR #:	Fault Cat	tegory:	N	CR: Yes	No DQ	 A:	Date:	
					QA: N/C Closed:					
NCR:		\	WORK ORI	DER NON-CONFO	RMANC	E (NCR	3)			
DATE	OTED	Description of NC		Section B	Verific	Verification Approval		Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Descri Chief Eng	ption	Sign 8 Date		on C	Chief Eng	QC Inspector
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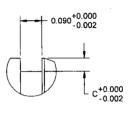
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-POWDER COAT THESE FACES ONLY PER NOTE 2





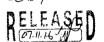
DETAIL D

D3492-XX PLUG

D3492-XX PLUG MACHINING DETAILS

P/N	-		В	С	MATERIAL SPEC
D3492-1	0.6	25	0.394	0.055	M6061T6R0.625
D3492-3	0.7	50	0.582	0.045	M6061T6R0.750
D3492-5	0.3	75	0.188	0.045	M6061T6R0.375
D3492-7	0.5	00	0.270	0.045	M6061T6R0.500
D3492-9	0.9	38	0.750	0.045	M6061T6R1.000
D3492-11	0.8	50	0.664	0.045	M6061T6R0.875
D3492-13	0.7	50	0.520	0.045	M6061T6R0.750

DEO ATTACHED



DESIGN DRAWN	PH	DART AERO HAWKESBURY, OI	
CHECKED	7	DRAWING NO.	REV. C
MFG. APPR.	100	D3492	SHEET 2 OF 2
APPROVED	Mark	TITLE	SCALE
DE APPR.	di	PLUG	4:1
DATE 07.	10.05	COPYRIGHT © 2007 BY THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND INDIT TO BE USED FOR MAY PURPOSE OR COMEDIA TO BE WANTED IN FERMINATION FOR	S BUPPLIED ON THE EXPRESS CONDITION THAT IT IS COMMUNICATED TO ANY DITHER PERSON WITHOUT

NOTES:
1) MATERIAL: ALUMINUM 5052-H32 OR 6061-T6 OR 1100-0 PER QQ-A-225/7 (5052) OR QQ-A-225/8 (6061) OR QQ-A-200/8 (6061) OR QQ-A-225/1 (1100) (REF. DART MATERIAL SPEC M6061T6R0.000)
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT WHITE GLOSS (4.3.5.1) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 6) IDENTIFICATION: N/A 7) WEIGHT: N/A

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DRAWING N	10.	TITLE		REV. C	DART AEROSPACE L'	TD D.E.O. NO.	SHEET NO.	SCALE
D3492		PLUG			ENGINEERING ORDE	R D3492-C-1	SHEET 1 OF 1	NTS
DRAWN	AJS	3	CHECKED	4	MFG. APPR.	APPROVED /	DE APPR.	
DATE	08.11	.05	DATE	08.11.05	DATE 08, ((, o5	DATE 08/11/05	DATE 08/1/0:	5

SHEET 2 MODIFY -13 PLUG AS SHOWN:

IS:

D3492-XX PLUG MACHINING DETAILS

P/N	Α	В	С	MATERIAL SPEC	
	-				
		I	1		

WAS:

D3492-XX PLUG MACHINING DETAILS

P/N	Α	В	С	MATERIAL SPEC
,	···	<u> </u>		-
D3492-13	0.750	0.520	0.045	M6061T6R0.750



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WRITTEN PERMISSION FROM DARK PAGESPACE LTD.

DART AEROSPACE LTD	Work Order:	68510
Description: Plug	Part Number:	D3492-1
Inspection Dwg: D3492 Rev: C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Artic	e Prototype	9
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Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.060	+/-0.005	-060			2/2	
0.060	+/-0.005	.060				
Ø0.394	+/-0.010	0.394				
Ø0.625	+/-0.010	0,620				
0.090	+0.000/-0.002	089				
0.500	+/-0.010	500				
0.055	+0.000/-0.002	-054				
0.050 x 20°	+/-0.010	030x20°				

Measured by:	42	Audited by:	Prototype Approval:	N/A
Date:	11/4/25	Date: 11 12 28	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	06.06.02	New Issue P/O D3492-041	KJ/JLM	ļ
В	06.10.16	Ø0.625 was Ø0.500	KJ/JLM	
С	07.11.23	Tolerances revised	KJ/EC/DD	L N
D	08.06.19	0.050 x 20° dimension added	KJ/DD O	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \